

Rocky Flats Environmental Technology Site

1-C91-EPR-SW.01

REVISION 2

CONTROL AND DISPOSITION OF INCIDENTAL WATERS

APPROVED BY *John A Hill*, John A Hill, 12/18/98
John A Hill, Vice-President Print Name Date
Kaiser-Hill L L C

Responsible Organization RMRS-Surface Water Effective Date December 20, 1998

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RMRS - Surface Water

USE CATEGORY 4

XX

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By *Carol Miller*

Date 12/29/98

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1 PURPOSE

This procedure provides the requirements for the control and disposition of incidental waters originating from the following Rocky Flats Environmental Technology Site (RFETS) water management activities and sources to ensure environmental protection

- Construction activities that require excavation below the ground water table and subsequent ground water pumping
- Natural collection and subsequent pumping of precipitation and storm water runoff in excavations, pits, trenches, ditches, or depressions
- Collection of water in secondary containments, process waste valve vaults, electrical vaults, or manholes that require pumping
- Discharge of water from the fire suppression system when the system has been breached inside a Radiological Buffer Area or Contamination Area.

NOTE: *The procedure Environmental Controls on Incidental Sprinkler Water Discharge, 4-W85-FSS-1206, is utilized to direct the control and disposition of fire suppression system water discharges during routine system testing and maintenance. This procedure is adequate to address Surface Water concerns and no further exemption requests are required, provided the system has not been breached within a Radiological Buffer Area or a Contamination Area*

Waters that originate from a potable water source or from precipitation events and are collected in areas that have no potential for contamination may be exempted from the requirements of this procedure. Areas with the potential for contamination include Individual Hazardous Substance Sites (IHSS), material storage or handling areas, and high traffic areas.

For each incidental water, consideration will be given to treatment versus sampling and analysis for discharge to the ground or storm sewer system when determining the appropriate disposition. This decision will be based primarily on the characteristics of the water. However, practical considerations such as costs of sampling, analysis, and transportation, availability of transportation, capacity of treatment facilities, and project delays will also be evaluated

2 OVERVIEW

The effective operation of the RFETS involves several water management activities that may result in incidental waters requiring onsite treatment or discharge to storm drains or the ground. Incidental waters may originate as precipitation, surface water, ground water, utility water, process water, or waste water. Such waters have the potential of contacting

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contaminants present at concentrations exceeding acceptable levels. Such levels are based on Colorado State Water Quality Standards, the RFETS National Pollutant Discharge Elimination System (NPDES) Permit, the Rocky Flats Cleanup Agreement (RFCA), Applicable or Relevant and Appropriate Requirements as defined by the U S Environmental Protection Agency or other regulatory agencies, or other RFETS-defined levels.

This procedure is intended to ensure that water originating from the activities and sources identified in Section 1, is properly controlled, contained, sampled and analyzed (if required), and treated or discharged. This procedure is in agreement with the activities described in the *Industrial Area Interim Measures/Interim Remedial Action Decision Document* (IA IM/IRA) for the control and disposition of incidental waters.

3 DEFINITIONS

Incidental Water Precipitation, surface water, ground water, utility water, process water, or waste water collecting in one or more of the following areas:

- Excavation sites, pits, or trenches
- Secondary containments or berms
- Valve vaults
- Electrical vaults
- Steam pits and other utility pits
- Utility manholes
- Other natural or manmade depressions which must be de-watered
- Discharges from a fire suppression system which has been breached within a Radiological Buffer Area or a Contamination Area.

4 LIMITATIONS AND PRECAUTIONS

Incidental water samples may be collected in radiological areas or confined spaces. Before entering such an area, the Sampling Crew shall ensure that a Radiation Work Permit (RWP) or Confined Space Entry Permit, if required and appropriate, has been obtained for the area. The Sampling Crew shall be responsible for following all requirements of the permit, including donning specified Personal Protective Equipment (PPE). All members of the Sampling Crew entering the area shall have successfully completed any required training.

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Incidental waters will be characterized using process knowledge, to the extent possible, prior to sampling. If the incidental water is suspected of having a potentially significant concentration of a contaminant(s), the Sampling Crew will be informed by Surface Water of the potential hazards and the appropriate precautionary actions.

If during the sampling of an incidental water, the Sampling Crew encounters any potentially hazardous conditions which have not previously been identified and addressed, the Sampling Crew shall stop work and immediately notify the Surface Water initiator and management.

5. PREREQUISITE ACTIONS

None

6. RESPONSIBILITIES

6.1 Activity Coordinators

Contact the Surface Water (SW) group when incidental water that is not excluded from the requirements of this procedure in Section 1, is encountered.

6.2 Activity Supervisors

[A] Contact SW when an activity (e.g., construction) causes the accumulation of water in the excavation area.

[B] Contact SW before the start of an excavation activity where water is likely to be encountered.

6.3 Analysis Laboratory

NOTE. *The Analysis Laboratory is determined by the Analytical Projects Office*

Perform required water quality analysis

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6 4 Emergency Services

Collect incidental water from fire suppression systems in appropriate containers/vessels to facilitate sampling and analysis when collection is required

6 5 Trucking Operations

Provide equipment, and labor as necessary, to pump, contain, and transport incidental waters for treatment or disposal

6 6 Liquid Waste Operations

Ensure that the following activities are performed as necessary

- Obtain and transport the necessary equipment to the field site
- Pump incidental water to a containment vessel
- Transfer incidental water to appropriate treatment facility

6 7 Analytical Project Office Sampling Crew

Obtain required water samples as directed by Surface Water

6 8 Surface Water

Determine whether the incidental water should be treated directly, or sampled and analyzed for possible discharge to the ground.

If direct treatment of the incidental water is cost effective and practical, contact the Facility Manager of the appropriate treatment facility to coordinate transportation or discharge of the incidental water

If the incidental water is to be sampled, determine appropriate parameter sampling requirements, receive and interpret analytical results from the laboratory(ies), and make final decision on the disposition of the incidental water

Document and maintain database to track all of the water control activities, including pumping, containment, sampling, analytical results, transfers, storage, and final disposition such as treatment or discharge

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Maintain files and database of the incidental water control records.

7 INSTRUCTIONS

7 1 Identification of Incidental Waters

Identifying Individual

- [1] Notify immediate supervisor upon identification of a new potential source of incidental waters

NOTE *The SW contact made in Step 7 1 [2] should be made before the start of any new excavation work, if possible.*

Activity Coordinator or Supervisor

- [2] Contact Surface Water, and request an evaluation of the new potential source of incidental waters. This contact may be made by telephone
- [A] Provide any pertinent information available that may enhance SW's ability to determine the status of the new water, including location, volume, suspected contaminants, and relevant historical information.

Surface Water

- [3] Gather information about the water source, including a walkdown of the field site, as practicable.
- [4] Determine whether direct transfer of the water to a treatment facility is appropriate and practical based on the following criteria:
- [A] The incidental water can be adequately characterized, utilizing historical and process knowledge, to determine the appropriate treatment facility and obtain acceptance from the treatment facility manager without sampling and analysis of the water
- [B] The appropriate treatment facility has adequate storage and treatment capacity for the incidental water
- [C] The necessary equipment and/or vehicles can be obtained in a timely manner (i.e., without delaying operations beyond the expected delay for sampling and analysis) to allow transfer of the incidental water

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- [5] IF each of the criteria in 7.1 [4] can be met,
THEN
- [A] Coordinate the transfer and treatment of the incidental water with the appropriate treatment facility
- [B] Exit this procedure
- [6] IF one or more of the criteria in 7.1 [4] cannot be met,
THEN complete the Identification section of the Incidental Water Identification and Control Form (IWIC) found in the Incidental Waters Database
- [7] Assign a unique Incidental Water (IW) Tracking number to the IWIC Form

NOTE SW maintains a database with all IWIC Form entries, including the IW tracking numbers assigned.

- [A] Assign the next available sequential IWIC number using the following format

IW-YY-XXX Where IW = Incidental Water
 YY = Last two digits of the Fiscal Year
 XXX = Sequential number

- [8] IF it is suspected that the water source may be exempt from the control requirements of this procedure,
THEN determine if the water source is exempt from this procedure by completing the Incidental Water Control Exemption Request (IWCER) found in the Incidental Waters Database (see Appendix 1)

Examples of situations where an exemption may be appropriate include the following

- Waters that originate from a potable water source or precipitation events and are collected in areas that have no potential for contamination
- Precipitation in secondary containment structures for RCRA storage areas, provided that daily inspection for leaks or spills are performed and documented, and that any leaks or spills have been remediated

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- [9] IF the water source is exempt from the requirements of this procedure,
THEN
- [A] Notify the affected activity coordinator or supervisor
 - [B] Notify the organization responsible for the affected area or system, if
different from the IWIC initiator's organization.
 - [C] Ensure that any special conditions or requirements specified on the
IWCER are met.
 - [D] Ensure disposition of the IWCER and all attachments are in accordance
with Section 9, Records.
 - [E] Exit this procedure.
- [10] Determine the appropriate list of sample parameters necessary to characterize the
incidental water. There is not a predetermined set of sample parameters for which
each incidental water event must be sampled. It is the responsibility of the
Surface Water representative to determine what parameters are adequate and
appropriate to properly characterize the incidental water. This determination
should be made by identifying potential contaminant sources, utilizing resources
such as the *Historical Release Report*, past sampling results, and employee
process knowledge. In cases such as incidental waters within secondary
containments, it may be necessary to sample for the material stored in the primary
containment.
- NOTE: The database provides access to historical information and process
knowledge that can be useful in evaluating these waters.*
- [11] Notify the appropriate sampling crew of the need to sample the incidental water,
and complete the Sampling section of the IWIC Form in the database
 - [12] Notify the initiating organization of the status of the incidental water, if
containment or monitoring requirements exist.
 - [13] Record any additional comments on the IWIC Form in the database, as
appropriate

7 2 Monitoring, Containment, and Collection of Incidental Waters

Surface Water

- [1] Coordinate with the initiating organization and ensure that Steps 7 2 [2] through 7 2 [5] are performed, as applicable

Activity Coordinator or Supervisor

- [2] Perform required containment and/or monitoring of the affected area or system in accordance with the instructions provided by Surface Water
- [3] IF desired to minimize excessive delays in activities,
THEN pump incidental waters to a Surface Water-approved containment vessel for holding until sampling and analysis are complete, and the proper method of disposal has been determined

Fire Department

- [4] IF a fire suppression system is considered exempt, as indicated in 7 1 [8],
AND there is no potential for contamination of the water,
THEN discharge the fire suppression system to the ground to support testing and maintenance, as appropriate
- [5] IF a fire suppression system is NOT considered exempt, as determined in 7 1 [8],
OR there is a potential for contamination of the water,
THEN pump incidental waters to a SW-approved containment vessel for holding until sampling and analysis are complete, and the proper method of disposal has been determined.

7 3 Sampling of Incidental Waters

Activity Coordinator or Supervisor

- [1] Coordinate with SW to ensure that the following water is sampled and analyzed to determine suitability for discharge
- Excavation sites, pits, or trenches
 - Secondary containments or berms
 - Valve vaults
 - Electrical vaults

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- Steam pits and other utility pits
- Other natural or manmade depressions which must be de-watered

Surface Water

- [2] Assist the designated sampling crew with the sampling of the incidental water, as necessary
- [3] IF the activity or source of the incidental water is in or near an area of known or suspected contamination [such as a solid-waste management unit (SWMU) or an IHSS], THEN determine if samples to support additional chemical analyses need to be collected.

In this case, the analyses may be performed by an RFETS-approved contract laboratory

Analytical Projects Office

- [4] Provide a sampling crew upon request by SW to collect all required incidental water samples.
- [5] Prepare the incidental water samples in accordance with procedure L-6245-F, *Sample Procedure for Waste Characterization* or L-6294-A, *Waste Characterization Sampling Procedure Inside Radiological Buffer Area* as appropriate. Ensure that samples are collected for the analyses specified by SW
- [6] Transport the samples to one of the following laboratories, as appropriate, in accordance with applicable chain-of-custody and transportation requirements for such materials onsite
- General Laboratory (Building 559 Lab)
 - ThermoNuTech (Radiochemistry Lab)
 - APO designated offsite laboratory if needed analyses are beyond the normal capabilities of the general laboratory or ThermoNuTech.

7.4 Analysis of Incidental Water Samples

Analytical Projects Office

- [1] Analyze the incidental water samples for the parameters specified by SW, utilizing appropriate standard methods and/or procedures.
- [2] IF the activity or source of the incidental water is an area of known or suspected contamination (such as in or near a SWMU or an IHSS), THEN contact SW to determine if additional chemical analyses should be performed for specific known or likely water quality parameters.

In this case, the analysis may need to be performed by an RFETS-approved contract laboratory

- [3] Forward a copy of the incidental water sample analysis results to SW and to the activity coordinator or supervisor

Surface Water

- [4] Receive and interpret analytical results from the laboratory(ies), referring to the control limits summarized in the following table and any other limits established by Surface Water, as applicable.

Table 1. Water Quality Parameter Control Limits

Gross Alpha	40 pCi/L
Gross Beta	50 pCi/L
pH	6.5 - 9.0
Nitrates as N	10 mg/L
Conductivity	0.700 mS/cm

Any incidental water that exceeds the control limit for any parameter in Table 1,
OR
exceeds any other control limit established by Surface Water, shall be contained,
and may NOT be discharged directly to the environment.

- [5] IF the sample analyses results are NOT within established limits,
AND there is reason to suspect that either the sample or the analyses may have
been corrupted or unrepresentative,
THEN arrange for re-sampling and/or reanalysis, if necessary

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- [6] IF further characterization of the incidental water is warranted,
THEN
- [A] Have the appropriate laboratory(ies) perform additional analyses
- [B] Document any additional parameter sampling requirements on the IWIC Form in the database.
- [7] Complete the Analysis section of the IWIC Form in the database.
- [8] IF analyses of the incidental water indicate high concentrations of constituents regulated by the Resource Conservation & Recovery Act (RCRA),
THEN
- [A] Notify the appropriate Environmental Program Manager/Environmental Technical Advisor that the water may be hazardous waste.
- [9] Make a final decision on the disposition of incidental water, and complete the Disposition section of the IWIC Form in the database.

IF the incidental water **CANNOT** be discharged to the environment,
THEN determine the appropriate treatment facility (i.e., Building 374 Waste Water Treatment Plant, Building 891 Water Treatment Facility) based upon the characteristics of the incidental water and the facility capability. Contact the Operations/Facility Manager of the treatment facility to discuss concurrence.

7.5 Disposition of Incidental Waters

NOTE. The affected activity coordinator or supervisor with assistance from the Trucking Operations is responsible for discharging uncontaminated incidental water directly to the environment (that is, to the storm drain or to the ground).

Surface Water

- [1] Contact the activity coordinator or supervisor to disposition the incidental water in an appropriate manner depending on the analyses results.
- [2] Provide activity coordinator or supervisor with a copy of the Incidental Water Report (see Appendix 2), which includes analytical results and disposition requirements.
- [3] File original copy of the IW Report in the current RMRS Surface Water IW binder

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Activity Coordinator or Supervisor

- [4] IF the incidental water can be discharged directly to the environment,
THEN
 - [A] Contact Trucking Operations and Liquid Waste Operations for assistance in performing Steps 7 5 [4][B] and 7 5 [4][C], as necessary
 - [B] Obtain and transport the necessary equipment to the field site
 - [C] Discharge the incidental water to the storm drain or to the ground, as appropriate
- [5] IF the incidental water CANNOT be discharged to the environment,
THEN contact Liquid Waste Operations

Liquid Waste Operations

- [6] IF the incidental water CANNOT be discharged to the environment,
THEN
 - [A] Coordinate with Trucking Operations , as required, to obtain and transport the necessary equipment to the field site
 - [B] Pump the incidental water to a containment vessel
 - [C] Transfer the water to the location specified on the IW Report
- [7] Retain a copy of the IW Report.

7 6 Termination of an Incidental Water Control Exemption

Surface Water

- [1] IF a water source was previously determined to be exempt,
AND SW has determined a need to terminate the exemption,
THEN
 - [A] Notify the organization responsible for the affected area or system to terminate the exemption This notification may be made by telephone

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[a] Document this notification in a memorandum, and forward a copy to the organization responsible for the affected area or system.

[B] Process a new IWIC Form and IWCER as if the water source was a newly discovered source in accordance with this procedure.

8. POST-PERFORMANCE ACTIVITY

[A] Once the incidental water is discharged, remove containment monitoring.

[B] Upon completion of activities required by this procedure, closeout any Radiation Work Permits or Confined Space Entry Permits that were required.

9 DISPOSITION OF RECORDS

Surface Water

[1] Ensure that all of the incidental water control activities were properly documented in the IW Database

[2] Maintain hard copies of the IW Reports and IWCERs in accordance with 1-77000-RM-001, *Record Management Guidance for Records Sources*

10. REFERENCES

1-77000-RM-001, *Record Management Guidance for Records Sources*

4-W85-FSS-1206, *Environmental Controls on Sprinkler Water Discharges*

IA IM/IRA, *Final Interim Measures/Interim Remedial Action Decision Document for Rocky Flats Industrial Area*, Rocky Flats Environmental Technology Site, Golden, Colorado, November 1994

L-6245-F, *Sample Procedure for Waste Characteristics*

L-6294-A, *Waste Characterization Sampling Procedure Inside Radiological Buffer Area*

January 28 2003

Appendix 1 Incidental Water Control Exemption Request

IW NUMBER	<input type="text"/>	DATE	<input type="text"/>
CUSTOMER NAME	<input type="text"/>		

WATER IDENTIFICATION

LOCATION (BLDG)	<input type="text"/>	VOLUME (Gal)	<input type="text"/>
LOCATION TYPE	<input type="text"/>		
LOCATION DESCRIPTION	<input type="text"/>		

PRELIMINARY EVALUATION

- 1 Does water originate from a drinking water source or from precipitation events in areas that have no possibility of contamination? ☐ YES ☐ NO
- 2 Is the water source free of any credible potential of being contaminated? ☐ YES ☐ NO

NOTES

[A] IF either of the questions above are answered NO THEN the incidental water may NOT be exempted from the requirements of Procedure 1-C91-EPR-SW 01

[B] IF both of the questions above are answered YES THEN the incidental water may be exempted from the requirements of Procedure 1-C91-EPR-SW 01 Any restrictions specified below must be adhered to in order to maintain this Exemption

DISPOSITION

EXEMPTION APPROVED	<input type="radio"/> YES	EXEMPTION DENIED	<input type="radio"/> YES
EXEMPTION APPROVAL PERIOD	Start Date <input type="text"/>	Expiration Date <input type="text"/>	

RESTRICTIONS Notify SWOps (X4985) if any of the following occur

- ☐ IF a spill/release occurs within or at the building THEN immediately stop discharging the incidental water
- ☐ IF operational activities or structural configuration changes occur within or at the discharging building This includes a transfer of the building for D and D activities
- ☐ IF the incidental water no longer needs to be discharged

OTHER

NOTE Customer is responsible for contacting SWOps (X4985) if another Exemption is needed after this Exemption expires

I certify that this form was prepared in accordance with Procedure 1-C91-EPR-SW 01 The information submitted is to the best of my knowledge true accurate and complete

SWOps Preparer

Date

SWOps Reviewer

Date

January 28 2003

Appendix 2 Incidental Water Report

CUSTOMER NAME	<input type="text"/>	EXT	<input type="text"/>
ORGANIZATION	<input type="text"/>	PAGER	<input type="text"/>
BLDG	<input type="text"/>	VOLUME (gal)	<input type="text"/>

Identification

LOCATION (BLDG)	<input type="text"/>	IWIC NO:	<input type="text"/>
LOCATION TYPE	<input type="text"/>	DATE:	<input type="text"/>
LOCATION DESCRIPTION: <input type="text"/>			

☐ EXEMPT? If YES, then the water is exempt from the requirements of Procedure 1-C91-EPR-SW 01 See attached Incidental Water Control Exemption Request.

Results

pH	<input type="text"/>	Acceptable Range: 6.5 to 9.0*
NO3 as N (mg/L)	<input type="text"/>	Not to Exceed: 10 mg/L*
CONDUCTIVITY (mS/cm)	<input type="text"/>	Not to Exceed: 0 700 mS/cm*
GROSS ALPHA (pCi/L)	<input type="text"/>	Not to Exceed: 40 pCi/L*
GROSS BETA (pCi/L)	<input type="text"/>	Not to Exceed: 50 pCi/L*
OTHER CONTAMINANTS	<input type="text"/>	
EVALUATION OF DATA.	<input type="text"/>	

*Limits based on Colorado Water Quality Stream Standards/Best Management Practices

Disposition

METHOD OF DISPOSAL	<input type="text"/>	START DATE	<input type="text"/>
DESTINATION	<input type="text"/>	END DATE	<input type="text"/>
COMMENTS	<input type="text"/>		

I certify that this document was prepared in accordance with Procedure 1-C91-EPR-SW 01
The information submitted is, to the best of my knowledge, true, accurate, and complete

Surface Water Preparer / Date

Surface Water Reviewer / Date

Originator KAYONDRACEK [Signature] 10/24/01
Print Sign DateOrganization SURFACE WATER OPERATIONSPhone/Pager/Location X8218/T130D

② (Authorize processing of request.)

Responsible Manager K.M. MOTYL [Signature] 10-24-01
Print Sign DateOrganization SURFACE WATER OPERATIONSPhone/Pager/Location X2172/212-6346/T130D

③ Assigned SME.

[Signature] E. Jones
Print NameOrganization SURFACE WATER OPERATIONSPhone/Pager/Location 2749/T130D④ CONTROL & DISPOSITION OF INCIDENTAL WATERS

Document Title

1-C91-EPR-SW.01, REV. 2

Existing Document Number and Revision

N/A

New Document Number and Revision (if Applicable)

⑤

Type of Document

☐ Policy☐ Mgt Directive☐ Manual☒ Procedure (Indicate type)☐ Technical☐ Alarm☒ Administrative☐ Other☐ Instruction☐ Job Aid☐ Other

If "Other" is checked, please specify type.

⑥

Type of Modification

☐ New☐ One Time Use Only☐ Revision☒ Change☒ Minor☐ Major☐ Cancellation

⑧

Proposed Modification

replace page 17 and 18 with new format.

⑨

Justification

(Forms) have been updated.

External (Technical) Review

⑩ Reviewing Organization	⑪ Signature or Name of Reviewer	⑫ Date	⑬ Reviewing Organization	⑭ Signature or Name of Reviewer	⑮ Date
Subject Matter Expert					
Michael Jones	<u>[Signature]</u>	<u>10/24/01</u>			

⑯ Special Reviews* (NOTE: Other Special Reviews may be required. See PRO-815-DM-01 for more information.)

ISR (Number or "Not Required") N/ATI Alignment (signature or N/A) N/A
Sign Date

PADC-1993-00693

Reviewed for Classification

(If Required, "N/A" if not)

By N/A Exception CEX-010-98,
by Janet Reshman,
Date N/A signed 03-01-03

Approval (Completed to approve changes and cancellations only. New documents and revisions are approved by signature on the document cover page.)

Approval Authority

6/1/2001

Print Name

Keith Motyl

Sign

[Signature]10/24/01

Date

Effective Date. 10-24-01

CONTROLLED COPY

① DCF Originator KAY ONDRACEK [Signature] 3/20/01
Print Sign DateOrganization SURFACE WATER OPERATIONSPhone/Pager/Location X9218/T130D

② (Authorizes processing of request.)

Responsible K.M. Mohyl [Signature] 3-20-01
Manager Print Sign DateOrganization SURFACE WATER OPERATIONS MGRPhone/Pager/Location: X2172/212-6346/T130D③ Assigned SME Michael E. Jones 03/20/01
Print Sign DateOrganization: SURFACE WATER OPERATIONSPhone/Pager/Location: X2749/212-5726/T130D④ ISR Number N/A [Signature]⑤ CONTROL & DISPOSITION OF INCIDENTAL WASTE
Document Title1-C91-EPR-3N.01 REV. 2
Existing Document Number and RevisionN/A
New Document Number and Revision (if Applicable)

⑥ Type of Document

☐ Policy ☐ Mgt. Directive ☐ Manual ☒ Procedure
☐ Tech. Standard ☐ Instruction ☐ Job Aid ☐ Other

⑦ Type of Modification

☐ New ☐ One Time Use Only ☒ Change
☐ Revision ☐ Minor ☐ Major
☐ Cancellation⑧ Effective Date: 3/6/01 Expiration Date: 12/10/02

⑨ Proposed Modification

page 13, 7.4 [A] Table 1, line 4
change to read
pH 6.5-9.0

⑩ Justification

Revised Site Remedial Pollutant Discharge & Elimination System (NPPDES) Permit was recently issued. This procedure change incorporates the parameter change to be compliant with the new NPPDES Permit.

⑪ Reviewing Organization	⑫ Signature or Name of Reviewer	⑬ Date	⑭ Reviewing Organization	⑮ Signature or Name of Reviewer	⑯ Date
<u>SURFACE WATER OPS.</u>	<u>[Signature]</u>	<u>3/20/01</u>			
<u>SME</u>					

(14) (Completed to approve changes and cancellations only. New Documents and revisions are approved by signature on the document cover page.)

Approval Authority

K. M. Mohyl

Print Name

[Signature]

Sign

3-20-01

Date

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① DCF Originator Jennifer Meints 1/23/03
Print Sign Date

Organization Surface Water Operations

Phone/Pager/Location x8218/NA/T130D

② (Authorizes processing of request)

Responsible

Manager Keith M Motyl

Print Sign Date

Organization Surface Water Operations

Phone/Pager/Location x2172/212-6346/T130D

③ Assigned SME Michael E. Jones 1/23/03
Print Name

Organization Surface Water Operations

Phone/Pager/Location x2749/NA/T130D

④ Control and Disposition of Incidental Waters
Document Title

1-C91 EPR SW 01 Rev 2

Existing Document Number and Revision

N/A

New Document Number and Revision (if Applicable)

⑤

Type of Document

☐ Policy

☒ Procedure (indicate type)

☐ Instruction

☐ Mgt Directive

☐ Technical

☐ Alarm

☐ Job Aid

☐ Manual

☒ Administrative

☐ Other

☐ Other

If "Other" is checked please specify type

⑥

Type of Modification

☐ New

☐ One Time Use Only

☒ Change

☒ Minor

☐ Revision

☐ Major

☐ Cancellation

⑧

Proposed Modification

Replace pages 17 and 18 with new forms

⑨

Justification

Forms have been updated

External (Technical) Review

⑩ Reviewing Organization	⑪ Signature or Name of Reviewer	⑫ Date	⑩ Reviewing Organization	⑪ Signature or Name of Reviewer	⑫ Date
Subject Matter Expert Michael E Jones	<u>Michael E Jones</u>	<u>1/23/03</u>			

⑬ Special Reviews (NOTE Other Special Reviews may be required See PRO-815-DM-01 for more information)

ISR (Number or Not Required) N/A

TI Alignment (signature or N/A) N/A
Sign Date

Reviewed for Classification
(If Required N/A if not)

By N/A Exemption CEX 010-98 By Janet Nesheim

Date N/A

⑭ Approval (Completed to approve changes and cancellations only New documents and revisions are approved by signature on the document cover page)

Approval Authority Keith M Motyl
6/1/2001 Print Name

Keith M Motyl
Sign

1/24/03
Date

Effective Date 01/28/2003